

**Response to Missing  
Requirements Under  
35 USC § 371**

Attorney Docket No.: HOIB4.001APC  
 First Named Inventor: Meldal, et al.  
 Int'l Application No.: PCT/DK04/00454  
 US Application No.: 10/561,803  
 Entered National Phase: December 22, 2005  
 Title: HETEROCYCLIC ORGANIC MOLECULES THROUGH  
 INTRAMOLECULAR FORMATION OF N-  
 ACYLIUM IONS

**Direct all correspondence to Customer No.: 20995**

Date: May 4, 2006

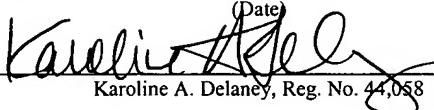
Page 1 of 2

**Mail Stop PCT**  
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 PO Box 1450  
 Alexandria, VA 22313-1450

I hereby certify that this correspondence and all marked attachments  
 are being deposited with the United States Postal Service as first-class  
 mail in an envelope addressed to: United States Patent and Trademark  
 Office, PO Box 1450, Alexandria, VA 22313-1450, on

May 4, 2006

(Date)



Karoline A. Delaney, Reg. No. 44,058

Applicant herewith submits to the US Designated/Elected Office (DO/EO/US) the following items and other information:

- (X) This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 USC 371.
- (X) Copy of the Notification of Missing Requirements under 35 USC 371 dated March 9, 2006.
- (X) An Oath or Declaration signed by the inventors (35 USC 371(c)(4)) in 2 pages.
- (X) Copy of assignment in 1 page.
- (X) Return prepaid postcard.

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 Page 2 of 2

**FILING FEES NOT YET PAID:**

FEE CALCULATION				
FEE TYPE & DETERMINATION		LARGE FEE	CALCULATION	TOTAL
Late Oath/Decl.		37 CFR § 1.492(h)	1631 (\$130)	\$130
Search Fee under 1.492(b) ( <i>enter one in TOTAL column</i> )				
(1) USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)		1640 (\$0)		\$400
(2) USPTO was the ISA (noncompliant claims)		1641 (\$100)		
(3) Foreign Search Report Enclosed		1642 (\$400)		
(4) No Search Report Enclosed		1632 (\$500)		
Examination Fee under 1.492(c) ( <i>enter one in TOTAL column</i> )				
(1) USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)		1643 (\$0)		\$200
(2) Non US IPEA or Noncompliant Claims		1633 (\$200)		
Excess Claims	42 - 20 = 22	1615 (\$50)	22 x 50 =	\$1100
Excess Ind. Claims	2 - 3 = 0	1614 (\$200)	0 x 200 =	\$0
Application Size Fee	110 - 100 = 1	1681(\$250)	1 x 250 =	\$250
				<b>TOTAL FEE DUE</b>
<b>TOTAL FEE PAID (If Different Than Fee Due)</b>				<b>\$2080</b>

(X) A check in the amount of \$2080 is enclosed to cover the above fees.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 11-1410.

05/15/2006 ATRAN1 00000178 10561803

01 FC:1617	130.00 OP
02 FC:1615	1100.00 OP
03 FC:1614	200.00 OP
04 FC:1206	650.00 OP

05/16/2006 ATRAN1 00000149 10561803

01 FC:1206	1100.00 OP
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 Karoline A. Delaney  
 Registration No. 44,058  
 Attorney of Record  
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 (949) 760-0404

2576337  
 050406



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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HOIB4.001APC  
 KAD

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/561,803	Morten Meldal	HOIB4.001APC

INTERNATIONAL APPLICATION NO.

PCT/DK04/00454

I.A. FILING DATE	PRIORITY DATE
06/25/2004	06/26/2003

20995  
 KNOBBE MARTENS OLSON & BEAR LLP  
 2040 MAIN STREET  
 FOURTEENTH FLOOR  
 IRVINE, CA 92614

CONFIRMATION NO. 8219  
 371 FORMALITIES LETTER



\*OC000000018205994\*

Date Mailed: 03/09/2006

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 12/22/2005
- Copy of the International Search Report filed on 12/22/2005
- Preliminary Amendments filed on 12/22/2005
- Oath or Declaration filed on 12/22/2005
- U.S. Basic National Fees filed on 12/22/2005
- Priority Documents filed on 12/22/2005
- Specification filed on 12/22/2005
- Claims filed on 12/22/2005
- Abstracts filed on 12/22/2005
- Drawings filed on 12/22/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$200 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.

- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is **\$330** for a Large Entity:

- **\$130** Surcharge.
- Total additional claim fee(s) for this application is **\$ 200**
  - \$200 for 1 independent claims over 3.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PATRICIA A BOOKER

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Telephone: (703) 308-9140 EXT 204

**PART 1 - ATTORNEY/APPLICANT COPY**

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U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/561,803	PCT/DK04/00454	HOIB4.001APC

FORM PCT/DO/EO/905 (371 Formalities Notice)